Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

Volume I Number 2

Annals
of the
Missouri Botanical Garden

Contents
May, 1914

A Contribution to our Knowledge of the Relation of Certain Species of Grass-Green Algae to Elementary Nitrogen ..... Jacob R. Schramm 157–184
The Thelephoraceae of North America. I. ... Edward A. Burt 185–228
Indications Regarding the Source of Combined Nitrogen for Ulva lactuca ..... G. L. Foster 229–235
The Effect of Certain Conditions upon the Acidity of Tomato Fruits ..... B. M. Duggar and M. C. Merrill 237–240
A Method for the Differential Staining of Fungous and Host Cells ..... R. E. Vaughan 241–242
Two Trunk Diseases of the Mesquite .. Hermann von Schrenk 243–252
A Trunk Disease of the Lilac ..... Hermann von Schrenk 253–262

PUBLISHED QUARTERLY BY THE RUMFORD PRESS, CONCORD, N. H., FOR THE BOARD OF TRUSTEES OF THE MISSOURI BOTANICAL GARDEN, ST. LOUIS, MO.

Application for entry as second-class matter at Concord, N. H., pending.

Annals
of the
Missouri Botanical Garden

A Quarterly Journal containing Scientific Contributions from the Missouri Botanical Garden and the Graduate Laboratory and Faculty of the Henry Shaw School of Botany of Washington University in affiliation with the Missouri Botanical Garden.

Editorial Committee

George T. Moore — Benjamin M. Duggar — Jacob R. Schramm

Information

The Annals of the Missouri Botanical Garden appears four times during the calendar year, March, May, September, and November. Four numbers constitute a volume.

Subscription Price - -	$3.00 per volume.
Single Numbers - - -	1.00 each.

The following agent is authorized to accept subscriptions:
William Wesley & Son, 28 Essex Street, Strand, London.